

ABSTRACT

A dual microphone communication device comprising a first microphone module, a second microphone module and a mixer circuit is provided. The first microphone module amplifies a near-end audio signal to produce a first audio signal. The second microphone module receives and amplifies the near-end audio signal by a fixed gain and a constant phase difference to produce a second audio signal. The mixer circuit subtracts the second audio signal from the first audio signal to produce a third audio signal so that interference resulting from echoes is significantly reduced while keeping, or enhance the near end voice level.